2623

Attorney's Docket No.: 10559-105001 / P7639
Intel Corporation

#14/A E.D
3-14-03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Louis A. Lippincott
Serial No. : 09/458,370
Filed : December 9, 1999
Assignee : Intel Corporation
Title : TWO-DIMENSIONAL INVERSE DISCRETE COSINE TRANSFORMING

Art Unit : 2623
Examiner : R. Hesseltine

Commissioner for Patents
Washington, D.C. 20231

RESPONSE TO THE ACTION DATED DECEMBER 4, 2002

Please amend the application as follows:

In the claims:

Please cancel claims 18 and 22.

Please amend claim 15, 19, and 27 as follows:

15. (Amended) A method of implementing a two-dimensional inverse discrete cosine transform, comprising:

executing a first one-dimensional inverse discrete cosine transforming function in a first direction on a first matrix of coefficients to produce a matrix of intermediate results; and

executing a second one-dimensional inverse discrete cosine transforming function in a second, different direction on the matrix of intermediate results concurrent with the first function executing in the second direction on a second matrix of coefficients,

in which the functions switch periodically and concurrently between the first and second directions.

19. (Amended) A storage medium bearing a machine-readable program capable of causing a machine to:

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

March 4, 2003
Date of Deposit

Darlene J. Morin
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Darlene J. Morin
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